

NERL/HEASD 2000-2001 Publications

Technical Information Manager: Mary O'Briant (919) 541-4871

2000

Presented Published

ABSTRACT/ORAL

Chameides, W.L., Solomon, P.A., Kiang, C.S., Mikel, D., Cowling, E., Erice, E., Jansen, J., McMurtry, P., Meagher, J., Hering, S., and Bahadori, T. An overview of the objectives and design of the '99 Atlanta supersite experiment. Abstract presented at: AGU Fall Meeting, San Francisco, CA, December 15-19, 2000. 12/15/2000

Contact: Paul A. Solomon

Solomon, P.A., Baumann, K., Edgerton, E., Gundel, L.A., Tanner, R., Eatough, D.J., Maring, H., Savoie, D., and Natarajan, S. Comparison of integrated samplers for mass and composition. Abstract presented at: AGU Fall Meeting, San Francisco, CA, December 15-19, 2000. 12/15/2000

Contact: Paul A. Solomon

Conner, T.L., Norris, G.A., Landis, M.S., and Williams, R.W. Retirement facility. Abstract presented at: EPA/AWMA International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000. 9/12/2000

Contact: Teri L. Conner

Wilson, N.K. Human exposure analysis, an interdisciplinary science. Abstract presented at: Math Department, Duke University, Durham, NC, September 20, 2000. 9/20/2000

Contact: Nancy K. Wilson

Van Emon, J.M. Environmental immunochemistry at the U.S. EPA, National Exposure Research Laboratory's Human Exposure Branch. Abstract presented at: UN/International Atomic Energy Agency Meeting, Vienna, Austria, September 25-28, 2000. 9/25/2000

Contact: Jeanette M. Van emon

Nishioka, M.G., Barnes, R., Ivancic, W., Sowry, J., and Cohen-Hubal, E.A. A new tracer method for assessing hand-to-mouth transfers of pesticides. Abstract presented at: ISEA Annual Meeting, Monterey Peninsula, CA, October 24-27, 2000. 10/24/2000

Contact: Elaine A. Cohen-hubal

Berkley, R.E., Akard, M.L., Gardner, B.D., Oliver, K.D., and Jacumin, Jr., H.H. Optimization of high-speed GC/TOFMS for method TO-14 analysis. Abstract presented at: EPA/AWMA Symposium, Research Triangle Park, NC, September 12-14, 2000. 9/12/2000

Contact: Richard E. Berkley

Lewtas, J., Binkova, B., Myers, S.R., Lenieek, J., Subrt, P., and Sram, R.J. Biomarkers of exposure and metabolic susceptibility to fine particle air pollution. Abstract presented at: ISEA Conference, Monterey, CA, October 24-27, 2000. 10/24/2000

Contact: Joellen lewtas Jungers

Eisner, A.D., Drake, Z.E., Heist, D.K., and Mitchell, W.J. Natural convection effect on personal aerosol samples. Abstract presented at: 19th Annual Conference of AAAR, St. Louis, MO, November 6-10, 2000. 11/6/2000

Contact: Curtis M. Morris

Cohen-Hubal, E.A., Bunge, A., Hanna, L.M., McDougal, J.N., and Jarabek, A.M. Proposed suite of models for estimating dose resulting from exposures by the dermal route. Abstract presented at: Society for Risk Analysis 2000 Annual Meeting, Arlington, VA, December 3-6, 2000. 12/3/2000

Contact: Ann M. Jarabek

2000

Presented Published

Hutzell, W.T., and Cooter, E.J. Predicting atrazine concentrations and deposition with a regional model for photochemistry and particulate matter. Abstract presented at: International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000.

9/12/2000

Contact: William T. Hutzell

Oliver, K.D., Jacumin, Jr., H.H., Daughtrey, Jr., E.H., and McClenny, W.A. Sample integrity of volatile organic compounds collected and stored on multiadsorbent tubes and analyzed using an auto GC-MS system. Abstract presented at: International Symposium on Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000.

9/12/2000

Contact: William A. McClenny

Vallero, D.A. Transport and transformation of a semi-volatile fungicide from soil to the atmosphere: dicarboximide results. Abstract presented at: Region/Office of Research and Development Poster Session, Chicago, IL, October 31-November 2, 20.

10/31/2000

Contact: Daniel A. Vallero

Vallero, D.A., Stockburger, L., Farnsworth, J.L., and Peirce, J.J. Transport and transformation of a semi-volatile fungicide from soil to the atmosphere: chamber design and fabrication. Abstract presented at: Region/Office of Research and Development Poster Session, Chicago, IL, October 31-November 2, 20.

10/31/2000

Contact: Daniel A. Vallero

Fuerst, R.G., and Hunike, E.T. Environmental technology verification program - advanced monitoring systems outreach. Abstract presented at: EPA/AWMA International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000.

9/12/2000

Contact: Robert G. Fuerst

Weber, R., Orsini, D., Duan, Y., Lee, Y.N., Brechtel, F., Klotz, P., ten Brink, H., Dasgupta, P.K., Hering, S., Edgerton, E., Solomon, P.A., and Baumann, K. Intercomparison of semi-continuous measurements of nitrate and sulfate at the EPA Atlanta Supersite, August 1999. Abstract presented at: AGU Fall Meeting, San Francisco, CA, December 15-19, 2000.

12/15/2000

Contact: Paul A. Solomon

Ortiz, M.M., Camann, D.E., Geno, P.W., Yau, A.Y., Ellenson, W.D., Crist, H.L., and Bond, A.E. Storage stability of pesticides in extract solvents and sampling media. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Andrew E. Bond

Leovic, K.W., Ruder, E., Walker, T.H., Roman, H.A., Neumann, J.E., Walker, K.D., Sheldon, L.S., and Keeler, A. Determining the economic value of improved human exposure data. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Kelly W. Leovic

Thomas, K.W., Sheldon, L.S., Okino, M.S., Sandler, D.P., Dosemeci, M., and Alavanja, M.C.R. Approaches for measuring applicator exposure in the agricultural health study/pesticide exposure study. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Kent W. Thomas

2000

Presented Published

Rea, A.W., Zufall, M.J., Williams, R.W., Howard-Reed, C., and Sheldon, L.S. The influence of human activity patterns on personal PM exposure: a comparative analysis of filter-based and continuous particle measurements. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Ronald W. Williams

Vallero, D.A. Transformation and transport of semi-volatile organic compounds from soil: measuring dicarboximides in a chamber. Abstract presented at: American Institute of Hydrology International Conference 2000, Research Triangle Park, NC, November 5-8, 2000.

11/5/2000

Contact: Daniel A. Vallero

Wilson, N.K., Chuang, J.C., and Lyu, C. Studies of preschool children's exposures to persistent pesticides. National Meeting of the American Chemical Society, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Nancy K. Wilson

Wilson, N.K., Evans, G.F., Chuang, J.C., and Lyu, C. CTEPP overview: a pilot study of children's total exposure to persistent pesticides and other persistent organic pollutants. International Society of Exposure Analysis, Monterey, CA, October 24-27, 2000.

10/24/2000

Contact: Nancy K. Wilson

Morgan, M.K., Stout, II, D.M., and Wilson, N.K. A feasibility study examining the potential for human exposure to pet-borne diazinon residues following residential turf applications. Abstract presented at: American Chemical Society National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Daniel A. Vallero

Morgan, M.K., Stout, II, D.M., and Wilson, N.K. A feasibility study examining the potential for human health exposure to pet-borne diazinon residues following residential turf applications. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Vance R. Highsmith

Thomas, K.W., Sheldon, L.S., Steen, W.C., Alavanja, M.C.R., Blair, A., Dosemeci, M., and Sandler, D.P. Agricultural health study/pesticide exposure study design. Abstract presented at: American Chemical Society National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Kent W. Thomas

Berkley, R.E., Akard, M.L., Oliver, K.D., Jacumin, Jr., H.H., Ebersold, P., and Budd, T. Optimization of high-speed GC/TOFMS for method TO-14 analysis. Abstract presented at: EPA/AWMA Symposium, RTP, NC, September 12-14, 2000.

9/12/2000

Contact: Richard E. Berkley

Williams, R.W., Suggs, J.C., Sheldon, L.S., Evans, G.F., Creason, J.P., Rodes, C.E., and Lawless, P.A. Relationships of gaseous concentrations of criteria air pollutants and PM 2.5 measures. Abstract presented at: EPA/AWMA International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000.

9/12/2000

Contact: Ronald W. Williams

Peters, T.M., Vanderpool, R.W., and Wiener, R.W. Incorporation of real-time methods into US EPA laboratory procedures for evaluation of size selective samplers. Abstract presented at: European Aerosol Conference, Dublin, Ireland, September 4-8, 2000.

9/4/2000

Contact: Roy L. Bennett

2000

Presented Published

Ozkaynak, H. Exposure analysis methods used in environmental risk assessment. Israel/EPA Comparative Risk Meeting, Tel Aviv, Israel, March 27, 2000.

3/27/2000

Contact: Haluk Ozkaynak

Thurston, G., Ito, K., Lall, R., Norris, G.A., Landis, M.S., and Wilson, Jr., W.E. PM constituent roles in mass associations with health effects in Philadelphia, PA. Abstract presented at: International Society for Environmental Epidemiology, Buffalo, NY, August 19-23, 2000.

8/19/2000

Contact: William E. Wilson

Oliver, K.D., Jacumin, Jr., H.H., Kronmiller, K.G., Daughtrey, Jr., E.H., and McClenny, W.A. Preliminary results of VOC analyses by auto GC/MS at Cornelia Fort Airpark June 15-July 15, 1999. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: William A. McClenny

Kronmiller, K.G., Wheeler, M.L., Daughtrey, Jr., E.H., and McClenny, W.A. NOx/NOy monitoring using modified/unmodified commercial instrumentation. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: William A. McClenny

Lonneman, W.A. The speciation and distribution of VOCs in the Nashville urban area. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: William A. McClenny

Howard-Reed, C., Wallace, L.A., and Emmerich, S.J. Determination of particle deposition rates for cooking and other indoor source. 19th Annual AAAR Conference, St. Louis, MO, November 6-10, 2000.

11/6/2000

Contact: Lance A. Wallace

Vanderpool, R.W., Peters, T.M., Natarajan, S., Gemmill, D.B., and Wiener, R.W. Performance and sensitivity analysis of the USEPA wins fractionator for the PM 2.5 federal reference method. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 25-28, 2000.

1/25/2000

Contact: David B. Gemmill

McClenny, W.A., Rice, J., and Klotz, P. Ambient monitoring of HCHO at the Polk Bldg. Nashville, TN - SOS '99 study. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: William A. McClenny

Cupitt, L.T. Implications of the US Clean Air Act on the future of urban air quality: linking urban air, indoor environments and human exposure. Urban Air, Indoor Environment and Human Exposure: Future Needs for Policy-Science Interface, Thessaloniki, Greece, April 16-18, 2000.

4/16/2000

Contact: Larry T. Cupitt

Morgan, M.K., Stout, II, D.M., and Wilson, N.K. A feasibility study examining the potential for human exposure to pet-borne diazinon residues following residential turf applications. Engineering Solutions to Indoor Air Quality Problems Symposium, Raleigh, NC, July 17-19, 2000.

7/17/2000

Contact: Vance R. Highsmith

Mason, M.A., Sheldon, L.S., Guo*, Z., and Stout, II, D.M. Carpet as a sink for chlorpyrifos following the use of total release aerosols in the EPA test house. Abstract presented at: Engineering Solutions to Indoor Air Quality Problems, Raleigh, NC, July 17-19, 2000.

7/17/2000

Contact: Linda S. Sheldon

2000

Presented Published

McCurdy, T.R., and Burke, J.M. Comparison of exercise participation rates for children in the literature with those in EPA's consolidated human activity database (CHAD). ISEA Conference, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Thomas R. Mccurdy

Gemmill, D.B., and Vanderpool, R.W. Performance and sensitivity analysis of the USEPA wins fractionator for the PM 2.5 federal reference method. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 25-28, 2000.

1/25/2000

Contact: David B. Gemmill

Sheldon, L.S., Williams, R.W., Highsmith, V.R., Rodes, C.E., Creason, J.P., and Walsh, D.B. An overview of EPA's human exposure panel studies. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Linda S. Sheldon

Lewtas, J., Williams, R.W., and Wise, S. Personal exposure to fine particle polycyclic aromatic hydrocarbons: outdoor source tracers. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Joellen lewtas Jungers

Solomon, P.A., Mitchell, W.J., Gemmill, D.B., Tolocka, M.P., Suggs, J.C., Norris, G.A., Wiener, R.W., Homolya, J., Vanderpool, R.W., and Natarajan, S. East versus West in the US: chemical characteristics of PM 2.5 during the winter of 1998. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy L. Bennett

Howard-Reed, C., Zufall, M.J., Burke, J.M., Williams, R.W., Suggs, J.C., Walsh, D.B., Kwok, R.K., and Sheldon, L.S. Use of continuous nephelometer to measure personal exposure to particulate matter during the 1998 U.S. EPA Baltimore panel study. PM2000 AWMA Conference, Charleston, SC, January 25-28, 2000.

1/25/2000

Contact: Ronald W. Williams

LaRosa, L., Buckley, T.J., Howard-Reed, C., and Wallace, L.A. Assessment of indoor, outdoor, and personal PM differences. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 1999.

1/25/2000

Contact: Lance A. Wallace

Rodes, C.E., Thornburg, J., Ensor, D., Lawless, P.A., and Wallace, L.A. A predictive model relating personal PM exposures with fixed location outdoor and microenvironmental indoor concentrations. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Linda S. Sheldon

Lewtas, J., Booth, D., Reimer, S., Pang, Y., Eatough, D.J., and Gundel, L. Comparison of sampling methods for semi-volatile organic carbon (SVOC) associated with PM 2.5. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 1999.

1/25/2000

Contact: Joellen lewtas Jungers

Vallero, D.A., Stockburger, L., Farnsworth, J.L., and Peirce, J.J. Analysis of the flux of an endocrine disrupting dicarboximide and its degradation products from the soil to the lower troposphere. Abstract presented at: 219th American Chemical Society National Meeting, San Francisco, CA, March 26-31, 2000.

3/26/2000

Contact: Daniel A. Vallero

2000

Presented Published

Solomon, P.A., Mitchell, W.J., Gemmill, D.B., Tolocka, M.P., Norris, G.A., and Wiener, R.W. Field evaluation of samplers for EPA's national PM 2.5 chemical speciation network-preliminary results from Atlanta. Abstract presented at: Real World 2000, Clean Air Conference, Atlanta, GA, May 15-18, 2000.

5/1/2000

Contact: Roy L. Bennett

Solomon, P.A., Scheffe, R.D., and Pitchford, M. US EPA's supersites program. Abstract presented at: Real World 2000, Clean Air Conference, Atlanta, GA, May 15-18, 2000.

3/1/2000

Contact: Paul A. Solomon

Al-Raheem, M., El-Desouky, M., Mage, D.T., Kollander, M., Wallace, L.A., and Spengler, J.D. Personal exposures to PM and gaseous air pollutants at the end of 1991 Kuwait oil fires. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Lance A. Wallace

Buckley, T.J., and Wallace, L.A. Evaluation of air purification devices for control of indoor PM. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Lance A. Wallace

LaRosa, L., Buckley, T.J., Howard-Reed, C., and Wallace, L.A. Assessment of outdoor, indoor, and personal PM concentration differences by continuous monitoring. Abstract presented at: PM 2000 AWMA, Charleston, SC, January 25-28, 2000.

1/25/2000

Contact: Lance A. Wallace

Wallace, L.A., Howard-Reed, C., LaRosa, L., and Emmerich, S.J. Monitoring particles, soot, and PAHs in a home. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Lance A. Wallace

Ott, W.R., Wallace, L.A., and Mage, D.T. Predicting particulate (PM-10) frequency distributions for urban populations using a random component superposition model (RCS) model. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Lance A. Wallace

Burke, J.M., Zufall, M.J., Ozkaynak, H., Xue, J., and Zidek, J. Predicting population exposures to PM: the importance of microenvironmental concentrations and human activities. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Janet M. Burke

Solomon, P.A., Chameides, W.L., Edgerton, E.S., Scheffe, R.D., and Pitchford, M. The Atlanta supersite project. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy L. Bennett

Willis, R.D., Mamane, Y., and Conner, T.L. Evaluation of computer-controlled scanning electron microscopy applied to an ambient urban aerosol sample. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Teri L. Conner

Solomon, P.A., Mitchell, W.J., Gemmill, D.B., Tolocka, M.P., Norris, G.A., Wiener, R.W., Homolya, J., Eberly, S.I., Rice, J., Vanderpool, R.W., Murdoch, R.W., Natarajan, S., and Hardison, E.D. Methods intercomparison of samplers for EPA's national PM 2.5 chemical speciation network. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy L. Bennett

2000

Presented Published

Rigas, M.L., Roth, W.L., and Jarabek, A.M. Proposed models for estimating relevant dose resulting from exposures by the gastrointestinal route. Abstract presented at: Society for Risk Analysis 2000 Annual Meeting, Arlington, VA, December 3-6, 2000.

12/3/2000

Contact: Marc L. Rigas

Van Emon, J.M., and Reed, A.W. Immunoassay analysis for chlorpyrifos in foods. Abstract presented at: 37th Annual Pesticide Residue Workshop and Florida Foodborne Pathogen Analysis Conference, St. Pete Beach, FL, July 16-21, 2000.

7/16/2000

Contact: Jeanette M. Van emon

Rigas, M.L., and Cohen-Hubal, E.A. Use of a convection-diffusion model to understand gastrointestinal absorption of environmentally-relevant chemicals. Abstract presented at: Society for Risk Analysis 2000 Annual Meeting, Arlington, VA, December 3-6, 2000.

12/3/2000

Contact: Marc L. Rigas

Van Emon, J.M., Reed, A.W., and Chuang, J.C. Immunoassay human exposure studies. Abstract presented at: American Chemical Society, Pacificchem 2000, Honolulu, Hawaii, December 14-19, 2000.

12/14/2000

Contact: Jeanette M. Van emon

Scheffe, R.D., Jones, M.N., Solomon, P.A., and Pitchford, M. The US EPA's supersites program. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Paul A. Solomon

Williams, R.W., Suggs, J.C., Zweidinger, R.B., Evans, G.F., Creason, J.P., Kwok, R.K., Rodes, C.E., Lawless, P.A., and Sheldon, L.S. Comparison of filter-based and continuous particulate matter methodologies from residential and ambient monitoring. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Ronald W. Williams

Vallero, D.A., Farnsworth, J.L., and Peirce, J.J. Supercritical fluid extraction of semi-volatile organic compounds from particles. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Daniel A. Vallero

Conner, T.L., Norris, G.A., Landis, M.S., and Williams, R.W. Individual particle analysis of indoor, outdoor, and personal samples from the 1998 Baltimore retirement home study. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 1999.

1/25/2000

Contact: Gary F. Evans

Sheldon, L.S., Williams, R.W., Zweidinger, R.B., Evans, G.F., Highsmith, V.R., Suggs, J.C., Rodes, C.E., and Creason, J.P. Lessons learned from four exposure panel studies: the U.S. EPA's particulate matter studies involving elderly cohorts. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Linda S. Sheldon

Vette, A.F., Rea, A.W., Lawless, P.A., Rodes, C.E., Evans, G.F., Highsmith, V.R., Creason, J.P., and Sheldon, L.S. Indoor/outdoor aerosol concentration ratios during the 1999 Fresno particulate matter exposure studies as a function of size, season, and time of day. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Linda S. Sheldon

Suggs, J.C., Williams, R.W., and Creason, J.P. Power analysis of linear relationships between personal exposure and indoor/outdoor PM 2.5 concentrations at Baltimore and Fresno. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Ronald W. Williams

2000

Presented Published

Zufall, M.J., Burke, J.M., Williams, R.W., Suggs, J.C., Kwok, R.K., Walsh, D.B., Creason, J.P., and Sheldon, L.S. Effects of human activity patterns on personal PM 2.5 concentrations of residents in a retirement facility. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Ronald W. Williams

Tonnesen, G.S., and Luecken, D.J. Intercomparison of photochemical mechanisms using response surfaces and process analysis. Abstract presented at: Millenium NATO/CCMS International Technical Meeting on Air Pollution Modeling and Its Application, Boulder, CO, May 15-19, 2000.

5/19/2000

Contact: Deborah J. Luecken

Berkley, R.E., Ebersold, P., and Oliver, K.D. Use of fast GC/TOFMS as reference standard for field comparison studies with on-site instruments. Eight International Conference, On-Site Analysis, Las Vegas, NV, January 23-26, 2000.

1/23/2000

Contact: Richard E. Berkley

Berkley, R.E., and Akard, M.L. Optimization of high-speed GC/TOFMS for method To-14 analysis. The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, March 12-17, 2000.

3/12/2000

Contact: Richard E. Berkley

Sheldon, L.S., Rea, A.W., Vette, A.F., Rodes, C.E., Whitaker, D., Jenkins, P., Hui, S., and Freun, S. Factors effecting exposures to VOCs during commuting in California. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Linda S. Sheldon

Conner, T.L., Norris, G.A., Williams, R.W., and Landis, M.S. Chemical and physical characteristics of outdoor, indoor, and personal particulate air samples collected in and around a retirement facility. Abstract presented at: EPA/AWMA International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000.

9/12/2000

Contact: Teri L. Conner

Hore, P., Freeman, N.C.G., Tulve, N.S., Cohen-Hubal, E.A., Sheldon, L.S., and Liroy, P.J. Assessment of young children's potential pesticide exposure following a residential pesticide application - Part I. study design: exposure of children and toys. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Vance R. Highsmith

Cohen-Hubal, E.A., Sheldon, L.S., Akland, G.G., Whitaker, D., and Raymer, J.H. Study to test the feasibility of using the macroactivity approach to assess dermal exposure. Abstract presented at: Society for Risk Analysis 2000 Annual Meeting, Arlington, VA, December 3-6, 2000.

12/3/2000

Contact: Elaine A. Cohen-hubal

Gordon, S.M., Kenny, D., Callahan, P.J., Brinkman, M.C., Wallace, L.A., and Ashley, D.L. Controlled, short-term dermal and inhalation exposure to chloroform. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Lance A. Wallace

2000

Presented Published

LaRosa, L., Howard-Reed, C., and Wallace, L.A. Continuous black carbon measurements indoors and outdoors at an occupied house for one year. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Lance A. Wallace

Vette, A.F., Peters, T.M., and Sheldon, L.S. Field comparisons of dual SMPS-APS systems to measure indoor-outdoor particle size distributions. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Linda S. Sheldon

Sheldon, L.S., Rea, A.W., Vette, A.F., Howard-Reed, C., Williams, R.W., Highsmith, V.R., Rodes, C.E., and Lawless, P.A. The contribution of particle resuspension to indoor and personal air concentrations. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Vance R. Highsmith

Cohen-Hubal, E.A., Sheldon, L.S., and Suggs, J.C. Study to identify important parameters for characterizing pesticide residue transfer efficiencies. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Elaine A. Cohen-hubal

Tulve, N.S., Hore, P., Cohen-Hubal, E.A., Freeman, N.C.G., Lioy, P.J., and Sheldon, L.S. Assessment of young children's potential pesticide exposure following a residential pesticide application. Part II - use of the macroactivity approach. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Vance R. Highsmith

Leovic, K.W., Ejire, A., Williams, R.W., Highsmith, V.R., and Sheldon, L.S. Improving the scientific community's ability to characterize human exposures in low SES areas: participant recruitment and retention. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Kelly W. Leovic

Wallace, L.A., Howard-Reed, C., and Emmerich, S.J. Multiyear real-time monitoring of particles, PAH, and black carbon in an occupied house. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Lance A. Wallace

Howard-Reed, C., Wallace, L.A., and Emmerich, S.J. Cooking-related particle concentrations measured in an occupied townhome in Reston, VA. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Lance A. Wallace

Zartarian, V., Ozkaynak, H., Xue, J., Glen, W.G., and Furtaw, Jr., E.J. Modeling aggregate chlorpyrifos exposure and dose to children. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Valerie G. Zartarian morrison

2000

Presented Published

Williams, R.W., Highsmith, V.R., Sheldon, L.S., Rea, A.W., Vette, A.F., Suggs, J.C., Leovic, K.W., Howard-Reed, C., Saunders, G., Ejire, A., Rhodes, C.E., Thornburg, J., and Lawless, P.A. Preliminary findings from the NERL Research Triangle Park particulate matter panel study. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Ronald W. Williams

Tulve, N.S., Suggs, J.C., Davis, S., Mirick, D.K., McCurdy, T.R., and Moya, J. Frequency of mouthing behavior in young children. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Thomas R. Mccurdy

Burke, J.M., Zufall, M.J., Ozkaynak, H., and Zidek, J. The contribution of ambient PM2.5 to total personal exposures: results from a population exposure model for Philadelphia, PA. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Haluk Ozkaynak

Ozkaynak, H., Evans, G.F., Pahl, D.A., and Graham, J.A. Overview of EPA's human exposure and source-to-dose modeling program: HEADSUP. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary F. Evans

Lewis, C.W., Klouda, G.A., and Ellenson, W.D. Radiocarbon measurements on PM-2.5 ambient aerosol. Abstract presented at: NARSTO 2000 Tropospheric Aerosols: Science and Decisions in an International Community, Queretaro, Mexico, October 23-26, 2000.

10/24/2000

Contact: Charles W. Lewis

Heist, D.K., Eisner, A.D., Mitchell, W.J., and Wiener, R.W. Flow and aerosol transport around a child-size manikin. Abstract presented at: 19th Annual Conference of AAAR, St. Louis, MO, November 6-10, 2000.

11/6/2000

Contact: Curtis M. Morris

Shreffler, J.H. Data from EPA's UV monitoring network. Abstract presented at: 13th International Congress on Photobiology, San Francisco, CA, July 2-6, 2000.

7/2/2000

Contact: Jack H. Shreffler

Ott, W.R., Switzer, P., Klepeis, N., Zartarian, V., and Brauer, M. Determining particle emission source strengths for common residential indoor sources using real-time measurements and piecewise-continuous solutions of the mass balance equation. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Valerie G. Zartarian morrison

Moschandreas, D.J., Karuchit, S., Kim, Y., Ari, H., Lebowitz, M.D., O'Rourke, M.K., Gordon, S.M., and Robertson, G.L. Regression models of residential exposure to chlorpyrifos and diazinon. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

2000

Presented Published

Nishioka, M.G., Brinkman, M.C., Gordon, S.M., O'Rourke, M.K., Lebowitz, M.D., Rogan, S.R., Moschandreas, D.J., and Robertson, G.L. Comparisons of pesticide levels and exposures in NHEXAS Arizona and Arizona-Mexico border populations. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

Moschandreas, D.J., Ari, H., Karuchit, S., Kim, Y., Lebowitz, M.D., O'Rourke, M.K., Gordon, S.M., and Robertson, G.L. Exposure to pesticides by medium and route: the 90th percentile and related uncertainties. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

Godar, D.E., Wengraitis, S.P., Shreffler, J.H., and Sliney, D. Average annual solar UV dose of the continental US citizen. Abstract presented at: 13th International Congress on Photobiology, San Francisco, CA, July 2-6, 2000.

7/2/2000

Contact: Jack H. Shreffler

Harper, S.L., and Gutknecht, W.F. Sources of variability in sample collection and preparation for surfaces with lead coatings. 220th American Chemical Society National Meeting, Washington, DC, August 20-25, 2000.

8/20/2000

Contact: Sharon L. Harper

Lewis, C.W., Stockburger, L., Klouda, G.A., Ellenson, W.D., and Fortune, C.R. Radiocarbon analysis of PM 2.5 ambient aerosol. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: Charles W. Lewis

Stockburger, L. Aerosol size distribution and chemical speciation of Cornella For Airport: Nashville 99 SOS. Abstract presented at: SOS Data Analysis Workshop 2000, RTP, NC, March 6-10, 2000.

3/6/2000

Contact: Leonard Stockburger

Conver, T.S., Kleindienst, T.E., Li, W., McIver, C.D., Corse, E.W., and Edney, E.O. SOA yields and organic product distribution from natural hydrocarbon/NOx irradiations. Abstract presented at: 19th Annual AAA Conference, St. Louis, MO, November 6-10, 2000.

11/6/2000

Contact: Robert L. Seila

Van Emon, J.M. Immunochemistry at the U.S. EPA, National Exposure Research Laboratory's Human Exposure Research Branch. EnvironAnalysis 2000, Ottawa, Ontario, Canada, May 9-11, 2000.

5/9/2000

Contact: Jeanette M. Van emon

Rogers, K.R., and Pearson, R. Electrochemical technique for TNT using disposable screen-printed electrode. Abstract presented at: 8th International Meeting on Chemical Sensors, Basel, Switzerland, July 2-5, 2000.

7/2/2000

Contact: Kim R. Rogers

Rogers, K.R., Apostol, A.B., Madsen, O.S., and Spencer, C.W. Detection of low dose radiation-and chemically-induced DNA damage using temperature differential fluorescence assays. Abstract presented at: 8th International Meeting on Chemical Sensors, Basel, Switzerland, July 2-5, 2000.

7/2/2000

Contact: Kim R. Rogers

2000

Presented Published

Rogers, K.R., Becker, J.Y., and Cembrano, J. Tyrosinase-based carbon paste electrode biosensor for detection of phenols: binder and pre-oxidation effects. Abstract presented at: 8th International Meeting on Chemical Sensors, Basel, Switzerland, July 2-5, 2000.

7/2/2000

Contact: Kim R. Rogers

Coakley, W.A., Butler, L.C., Dandge, V.D., Caldwell, J.R., and Desican, V.D. WinCADRE (computer-aided data review and evaluation). PITTCON 2000 Science for the 21st Century, New Orleans, LA, March 11-18, 2000.

3/11/2000

Contact: Larry C. Butler

Landis, M.S., Norris, G.A., Williams, R.W., Sheldon, L.S., and Creason, J.P. Personal exposures to PM 2.5 mass and trace elements in Baltimore, Maryland. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy B. Zweidinger

Pleil, J.D., and Smith, L. Overview of EPA human exposure measurements projects as applied to JP-8 jet fuel. Toxicology of JP-8 Jet Fuel Conference, Tucson, AZ, January 10-12, 2000.

1/10/2000

Contact: Joachim D. Pleil

Rogers, K.R., Apostol, A.B., Madsen, S.J., and Spencer, C.W. Detection of DNA damage using a fiberoptic biosensor. Abstract presented at: ACS National Meeting, San Francisco, CA, March 26-30, 2000.

3/26/2000

Contact: Kim R. Rogers

Rogers, K.R., and Pearson, R. Electrochemical technique for TNT using disposable screen-printed electrode. Abstract presented at: Eight International On-Site Analysis Conference, Las Vegas, NV, January 23-26, 2000.

1/23/2000

Contact: Kim R. Rogers

Cullen, S.J., Van Emon, J.M., Robbins, K., and Reed, A.W. Immunoassays for food analysis. Abstract presented at: Immunochemistry Summit VIII Meeting, San Francisco, CA, March 26-31, 2000.

3/26/2000

Contact: Jeanette M. Van emon

Jensen, P.A., Martin, S., Sapko, M.J., Cashdollar, K.L., Mura, K.E., Smith, L., Fritts, D., Blazicko, B.A., Reichert, J.M., and Pleil, J.D. Comparison of selected lower explosive limit meters used by USAF and commercial jet fuel tank entry personnel. Abstract presented at: American Industrial Hygiene Conference and Exposition, Orlando, FL, May 19-25, 2000.

5/19/2000

Contact: Joachim D. Pleil

Van Emon, J.M., Reed, A.W., Chuang, J.C., Montoya, A., and Manclus, J.J. Determination of 3,5,6-Trichloro-2-pyridinol (TCP) by ELISA. Abstract presented at: Immunochemistry Summit VIII Meeting, San Francisco, CA, March 26-31, 2000.

3/26/2000

Contact: Jeanette M. Van emon

Chuang, J.C., Hart, K., Chang, J.S., Reed, A.W., and Van Emon, J.M. Evaluation of analytical methods for determining pesticides in baby food and adult duplicate-diet samples. Abstract presented at: Immunochemistry Summit VIII Meeting, San Francisco, CA, March 26-31, 2000.

3/26/2000

Contact: Jeanette M. Van emon

Fan, V.S., Buckley, T.J., Colon, M., and Pleil, J.D. Breath measurement and models to assess VOC dermal absorption in water. American Industrial Hygiene Conference and Exposition, 2000, Orlando, FL, May 19-25, 2000.

5/19/2000

Contact: Joachim D. Pleil

2000

Presented Published

Blancato, J.N., Power, F.W., and Fisher, J.W. Application and use of dose estimating exposure model (DEEM) for dose comparisons after exposure to trichloroethylene (TCE). Abstract presented at: Annual Meeting of Society of Toxicology, Philadelphia, PA, March 19-23, 2000.

3/19/2000

Contact: Jerry N. Blancato

Tsang, A.M., Brown, R.N., Power, F.W., Blancato, J.N., and Scott, C.S. Uncertainty analysis of TCE using the dose exposure estimating model (DEEM) in ACSL. Abstract presented at: Annual Meeting of Society of Toxicology, Philadelphia, PA, March 19-23, 2000.

3/19/2000

Contact: Robert N. Brown

Dary, C.C., Mohammed, Z., and Saleh, M.A. Chemomorphic analysis of malathion in skin layers: implications for the use of dermatopharmacokinetic (DPK) tape stripping in exposure assessment to pesticides. Abstract presented at: Annual Meeting of Society of Toxicology, Philadelphia, PA, March 19-23, 2000.

3/19/2000

Contact: Curtis C. Dary

Power, F.W., Blancato, J.N., Ruiz, A., Licitra, J., Ventresca, J.J., and Brown, R.N. An advanced PBPK model input system and data repository for complex models with export for the ACSL model engine. Abstract presented at: Annual Meeting of Society of Toxicology, Philadelphia, PA, March 19-23, 2000.

3/19/2000

Contact: Jerry N. Blancato

Knaak, J.B., Dary, C.C., Patterson, G.T., and Blancato, J.N. Use of PBPK/PD models and foliar transfer coefficients in assessing reentry into pesticide treated citrus and turf. Abstract presented at: Annual Meeting of Society of Toxicology, Philadelphia, PA, March 19-23, 2000.

3/19/2000

Contact: Curtis C. Dary

Antley, J.T., Giglio, J., and Harper, S.L. A computer-controlled system for generating uniform surface deposits to study the transport of particulate matter. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Sharon L. Harper

Evans, G.F., Highsmith, V.R., Sheldon, L.S., Suggs, J.C., Williams, R.W., Zweidinger, R.B., Creason, J.P., Walsh, D.B., Rodes, C.E., and Lawless, P.A. The 1999 Fresno particulate matter exposure studies: comparison of community, outdoor, and residential PM mass measurements. Abstract presented at: PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy B. Zweidinger

Rodes, C.E., Lawless, P.A., Evans, G.F., Highsmith, V.R., Sheldon, L.S., Williams, R.W., Vette, A.F., and Creason, J.P. The relationships between personal PM exposures for elderly populations and indoor and outdoor concentrations for three retirement center scenarios. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy B. Zweidinger

Lawless, P.A., Rodes, C.E., Evans, G.F., Sheldon, L.S., and Creason, J.P. Aerosol concentrations during the 1999 Fresno exposure studies as functions of size, season, and meteorology. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Roy B. Zweidinger

Kleindienst, T.E., Li, W., McIver, C.D., Conver, T.S., Edney, E.O., Driscoll, D.J., and Speer, R.E. The effect of relative humidity on the uptake of aromatic oxidation products on submicron ammonium sulfate aerosol. PM 2000 AWMA Conference, Charleston, SC, January 24-28, 2000.

1/25/2000

Contact: Daniel J. Driscoll

2000

Presented Published

Pearson, R., and Rogers, K.R. Electrochemical technique for detection of TNT using disposable screen-printed electrodes. Abstract presented at: 220th ACS National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Kim R. Rogers

Falconer, R.L., Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Yau, A.Y. Post-application exposure potential to pesticides in the residential environment. Abstract presented at: 220th ACS National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Renee L. Falconer

Falconer, R.L., Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Yau, A.Y. Post-application exposure potential to pesticides in the residential environment. Abstract presented at: 220th ACS National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Renee L. Falconer

Rogers, K.R., and Mishra, N.N. Highly sensitive assay for anticholinesterase compounds using 96 well plate format. Abstract presented at: 220th ACS National Meeting, Washington, DC, August 20-24, 2000.

8/20/2000

Contact: Kim R. Rogers

Falconer, R.L., Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Yau, A.Y. Translocation and redistribution of pesticides applied in the residential environment. Abstract presented at: Society of Environmental Toxicology and Chemistry, Nashville, TN, November 12-16, 2000.

11/12/2000

Contact: Renee L. Falconer

O'Rourke, M.K., Lebowitz, M.D., Gordon, S.M., Nishioka, M.G., Moschandreas, D.J., and Robertson, G.L. Demographic characteristics of the NHEXAS-Arizona border study population. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

Blancato, J.N., Knaak, J.B., Power, F.W., and Dary, C.C. Use of PBPK models for assessing absorbed dose and ChE inhibition from aggregate exposure of infants and children to organophosphorus insecticides. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Jerry N. Blancato

Hern, S.C., Robertson, G.L., Hart, R., Schumacher, B.A., and Paz, E. Pesticides in dust samples from homes and schools in Yuma, Arizona. Abstract presented at: Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Stephen C. Hern

Furtaw, Jr., E.J., Okino, M.S., Quackenboss, J.J., Roy, A., and Liroy, P.J. Modeling of chlorpyrifos exposure, dose, and biomarker using NHEXAS Minnesota Children's data. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Edwin J. Furtaw

Gordon, S.M., Brinkman, M.C., Callahan, P.J., Lebowitz, M.D., O'Rourke, M.K., Rogan, S.R., Ashley, D.L., Needham, L., Pirkle, J.L., Moschandreas, D.J., and Robertson, G.L. Fixed-site air and biomarker measurements of VOCs in a non-occupationally exposed population along the Arizona-Mexico border. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

2000

Presented Published

Chuang, J.C., Chang, J.S., Bowman, L.E., Van Emon, J.M., and Reed, A.W. Evaluation of analytical methods for determining pesticides in foods. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Jeanette M. Van emon

Robertson, G.L., Petty, J., Huckins, J., O'Rourke, M.K., Rogan, S.R., and Lebowitz, M.D. Application of semipermeable membrane devices to indoor air sampling. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

Rigas, M.L., and Hassenzuhl, D.M. The use of computer modeling packages to illustrate uncertainty in risk assessments: an ease of use and interpretation comparison. Abstract presented at: ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Marc L. Rigas

Moschandreas, D.J., Kim, Y., Karuchit, S., Ari, H., Lebowitz, M.D., O'Rourke, M.K., Gordon, S.M., and Robertson, G.L. Characterization of residential exposure to chlorpyrifos and diazinon. ISEA 2000 Exposure Analysis in the 21st Century: Integrating Science, Policy and Quality of Life, Monterey Peninsula, CA, October 24-27, 2000.

10/24/2000

Contact: Gary L. Robertson

Fortune, C.R., Blanchard, F.T., Ellenson, W.D., Camann, D.E., and Lewis, R.G. Distribution of pesticides and PAH residues in aged residential carpeting. Abstract presented at: 2000 Annual Meeting of the International Society of Exposure Analysis, Pacific Grove, CA, October 24-27, 2000.

10/24/2000

Contact: Robert G. Lewis

Pleil, J.D., Colon, M., and Lindstrom, A.B. Enhanced concentration and analysis method for measuring water soluble endogenous compounds in human breath. Abstract presented at: American Chemical Society 221st National Meeting, San Diego, CA, April 1-5, 2001.

4/1/2000

Contact: Joachim D. Pleil

Harper, S.L., Antley, J.T., Giglio, J., and Vanderpool, R.W. Use of metal- and fluorescein-tagged materials to study settled particles exposure pathways. Abstract presented at: American Chemical Society 221st National Meeting, San Diego, CA, April 1-5, 2001.

4/1/2000

Contact: Sharon L. Harper

Blancato, J.N. Exposure to dose models: their uses in helping access relevant dose in children. Abstract presented at: Children's Health Symposium of the Office of Environmental Health Hazard Assessment of the State of California, Oakland, CA, May 1-2, 2000.

5/1/2000

Contact: Jerry N. Blancato

BOOK/CHAPTER

Berkley, R.E. "Field-based analysis of organic vapors in air." Published in: Encyclopedia of Analytical Chemistry, R.A Meyers (Ed.), Chichester: John Wiley & Sons Ltd., 3654-3672.

1/1/2000

Contact: Richard E. Berkley

Lewis, R.G. "Pesticides." Published in: Indoor Air Quality Handbook, Chapter 35, John Spengler, Jonathan Samet, and John McCarthy (Ed.), New York, NY: McGraw Hill, 2000.

12/31/2000

Contact: Robert G. Lewis

JOURNAL

2000

Presented Published

Williams, R.W., Suggs, J.C., Rodes, C.E., Lawless, P.A., Zweidinger, R.B., Kwok, R.K., Creason, J.P., and Sheldon, L.S. Comparison of PM 2.5 and PM 10 monitors. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:497-505 (2000). 12/31/2000

Contact: Ronald W. Williams

Williams, R.W., Suggs, J.C., Creason, J.P., Rodes, C.E., Lawless, P.A., Kwok, R.K., Zweidinger, R.B., and Sheldon, L.S. The 1998 Baltimore particulate matter epidemiology-exposure study: Part 2-personal exposure assessment associated with an elderly study population. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:533-543 (2000). 12/31/2000

Contact: Ronald W. Williams

Williams, R.W., Suggs, J.C., Zweidinger, R.B., Evans, G.F., Creason, J.P., Kwok, R.K., Rodes, C.E., Lawless, P.A., and Sheldon, L.S. The 1998 Baltimore particulate matter epidemiology-exposure study: Part 1 - comparison of ambient, residential outdoor, indoor and apartment particulate matter monitoring. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:518-532 (2000). 12/31/2000

Contact: Ronald W. Williams

McCurdy, T.R., Glenn, G., Smith, L., and Lakkadi, Y. The National Exposure Research Laboratory's consolidated human activity database. Published in: International Journal of Exposure Analysis and Environmental Epidemiology 10 (5):566-578 (2000). 12/31/2000

Contact: Thomas R. Mccurdy

Rogers, K.R. Principles of affinity-based biosensors. Published in: Molecular Biotechnology 14:109-129 (2000). 6/13/2000

Contact: Kim R. Rogers

Cohen-Hubal, E.A., Sheldon, L.S., Zufall, M.J., Burke, J.M., and Thomas, K.W. The challenge of assessing children's exposure to pesticides. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:638-649 (2000). 1/1/2000

Contact: Elaine A. Cohen-hubal

Williams, R.W., Creason, J.P., Zweidinger, R.B., Watts, R.R., Sheldon, L.S., and Shy, C.M. Indoor, outdoor, and personal exposure monitoring of particulate air pollution: the Baltimore elderly epidemiology-exposure pilot study. Published in: Atmospheric Environment 34:4193-4204 (2000). 12/31/2000

Contact: Ronald W. Williams

Wilson, N.K., Chuang, J.C., and Lyu, C. PAH exposures of nine preschool children. Published in: Polycyclic Aromatic Compounds 21:247-259 (2000). 1/1/2000

Contact: Nancy K. Wilson

Zartarian, V., Ozkaynak, H., Burke, J.M., Zufall, M.J., Rigas, M.L., and Furtaw, Jr., E.J. A modeling framework for estimating children's residential exposure and dose to chlorpyrifos via dermal residue contact and non-dietary ingestion. Published in: Environmental Health Perspectives 108 (6):505-514 (2000). 6/1/2000

Contact: Valerie G. Zartarian morrison

Cohen-Hubal, E.A., Zartarian, V., Sheldon, L.S., McCurdy, T.R., Rigas, M.L., Berry, Jr., M.R., Burke, J.M., and Freeman, N.C.G. Children's exposure assessment: a review of factors influencing children's exposure and the data available to characterize and assess that exposure. Published in: Environmental Health Perspectives 108 (6):475-486 (2000). 6/1/2000

Contact: Elaine A. Cohen-hubal

2000

Presented Published

Solomon, P.A., Cowling, E., Hidy, G., and Furiness, C. Comparison of scientific findings from major ozone field studies in North America and Europe. Published in: Atmospheric Environment 34:1885-1920 (2000).

1/1/2000

Contact: Paul A. Solomon

Seigneur, C., Pun, B., Pai, P., Louis, J., Solomon, P.A., Emery, C., Morris, R., Zahniser, M.S., Worsnop, D.R., Koutrakis, P., White, W., and Tombach, I. Guidance for the performance evaluation of three-dimensional air quality modeling systems for particulate matter and visibility. Published in: Journal of Air and Waste Management Association 50:588-599 (2000).

4/1/2000

Contact: Paul A. Solomon

Lebowitz, M.D., O'Rourke, M.K., Rogan, S., Reses, J., Van de Water, P., Blackwell, A., Moschandreas, D.J., Gordon, S.M., and Robertson, G.L. Indoor and outdoor PM10 and associated metals and pesticides in Arizona. Published in: Inhalation Toxicology 12 (Sup 1):139-144 (2000).

6/10/2000

Contact: Gary L. Robertson

Edney, E.O., Driscoll, D.J., Speer, R.E., Weathers, W.S., Kleindienst, T.E., Li, W., and Smith, D.F. Impact of aerosol liquid water on secondary organic aerosol yields of irradiated toluene/propylene/NOx/(NH4)2SO4/air mixtures. Published in: Atmospheric Environment 34:3907-3919 (2000).

12/31/2000

Contact: Robert L. Seila

Wallace, L.A. Correlations of personal exposure to particles with outdoor air measurement: a review of recent studies. Published in: Aerosol Science and Technology 32:15-25 (2000).

1/1/2000

Contact: Lance A. Wallace

McCurdy, T.R. Conceptual basis for multi-route intake dose modeling using an energy expenditure approach. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:86-97 (2000).

1/1/2000

Contact: Thomas R. Mccurdy

Pleil, J.D., Smith, L.B., and Zelnick, S.D. Personal exposure to JP-8 jet fuel vapors and exhaust at air force bases. Environmental Health Perspectives 108 (3):183-192 (2000).

3/1/2000

Contact: Joachim D. Pleil

Rogers, K.R., Becker, J.Y., and Cembrano, J. Improved selective electrocatalytic oxidation of phenols by tyrosinase-based carbon paste electrode biosensor. Published in: Electrochimica Acta 45:4373-4379 (2000).

11/16/2000

Contact: Kim R. Rogers

Antley, J.T., Vanderpool, R.W., and Harper, S.L. An automated system for producing uniform surface deposits of dry particles. Published in: American Industrial Hygiene Association Journal 61:669-677 (2000).

10/1/2000

Contact: Sharon L. Harper

Mar, T.F., Norris, G.A., Koenig, J.Q., and Larson, T.V. Associations between air pollution and mortality in Phoenix, 1995-1997. Published in: Environmental Health Perspectives 108 (4):347-353 (2000).

4/1/2000

Contact: Roy B. Zweidinger

Geron, C.D., Guenther, A., Sharkey, T.D., and Arnts, R.R. Temporal variability in the basal isoprene emission factor. Published in: Tree Physiology 20:799-805 (2000).

7/1/2000

Contact: Robert R. Arnts

2000

Presented Published

Rogers, K.R., Apostol, A.B., and Brumley, W.C. Capillary electrophoresis immunoassay for 2,4-dichlorophenoxyacetic acid. Published in: Analytical Letters 33 (3):443-453 (2000).

1/31/2000

Contact: Kim R. Rogers

Troester, M.A., Lindstrom, A.B., Kupper, L.L., Waidyanatha, S., and Rappaport, S.M. Stability of hemoglobin and albumin adducts of benzene oxide and 1,4-benzoquinone after administration of benzene to F344 rats. Toxicological Sciences 54:88-94 (2000).

4/6/2000

Contact: Andrew B. Lindstrom

Quackenboss, J.J., Pellizzari, E.D., Shubat, P., Whitmore, R., Adgate, J.L., Thomas, K.W., Freeman, N.C.G., Stroebe, C., Lioy, P.J., Clayton, C.A., and Sexton, K.G. Design strategy for assessing multi-pathway exposure for children: the Minnesota children's pesticide exposure study (MNCPEs). Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:145-158 (2000).

6/8/2000

Contact: James J. Quackenboss

Rigas, M.L., Catlin, S.N., Ben-Jebria, A., and Ultman, J.S. Ozone uptake in the intact human respiratory tract - relationship between inhaled and actual dose. Published in: Journal of Applied Physiology 88:2015-2022 (2000).

3/8/2000

Contact: Marc L. Rigas

Gabele, P.A., and Pyle, S.M. Emissions from two outboard engines operating on reformulated gasoline containing MTBE. Environmental Science and Technology 34:368-372 (2000).

1/12/2000

Contact: Peter A. Gabele

Childers, J.W., Witherspoon, C.L., Smith, L.B., and Pleil, J.D. Real-time and integrated measurement of potential human exposure to particle-bound polycyclic aromatic hydrocarbons (PAHs) from aircraft exhaust. Published in: Environmental Health Perspectives 108 (9):853-862 (2000).

9/1/2000

Contact: Joachim D. Pleil

Adgate, J.L., Clayton, C.A., Quackenboss, J.J., Thomas, K.W., Whitmore, R.W., Pellizzari, E.D., Lioy, P.J., Shubat, P., Stroebe, C., Freeman, N.C.G., and Sexton, K.G. Measurement of multi-pollutant and multi-pathway exposures in a probability-based sample of children: practical strategies for effective field studies. Published in: Journal of Exposure Analysis and Environmental Epidemiology 10:650-661 (2000).

12/31/2000

Contact: James J. Quackenboss

PUB REPORT

Clothier, J.M. Dermal transfer efficiency of pesticides from turf grass to dry and wetted palms, EPA/600/R-00/026 (NTIS PB2000-101992 A04 \$25.50). U.S. Environmental Protection Agency.

3/20/2000

Contact: Robert G. Lewis

Antley, J.T., and Giglio, J. Development and use of rare earth tracers in the modified dry particle deposition system (formerly "DUST" chamber), EPA/600/R-00/005 (NTIS PB2001-100351). U.S. Environmental Protection Agency.

4/19/2000

Contact: Sharon L. Harper

Peters, T., Antley, J.T., Vanderpool, R.W., Natarajan, S., Norris, G.A., McElroy, F.F., Solomon, P.A., Gemmill, D.B., Tolocka, M.P., and Wiener, R.W. Effectiveness of the PM 2.5 federal reference method to differentiate fine and coarse mode aerosol (a response to Section 6102(e) of the Transportation Equity Act for the 21st Century, EPA 600/R-00/033 (NTIS PB2001-101909). U.S. Environmental Protection Agency.

11/28/2000

Contact: Russell W. Wiener

SYMPOS/CONF

Wednesday, August 29, 2001

Page 18 of 30

2000

Presented Published

- Conner, T.L., Norris, G.A., Landis, M.S., and Williams, R.W. "Chemical and physical characterization of indoor, outdoor, and personal samples collected in and around a retirement facility." Paper presented at: EPA/AWMA International Symposium on the Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000. 9/12/2000
- Contact:** Teri L. Conner
- Willis, R.D. "Workshop on UNMIX and PMF as Applied to PM 2.5." Paper presented at: Workshop on UNMIX and PMF as Applied to PM 2.5, Research Triangle Park, NC, February 14-16, 2000 2/14/2000
- Contact:** Charles W. Lewis
- Rea, A.W., Martin, F., III, and Mitchell, W.J. "Evaluation of a personal nephelometer for human exposure monitoring." Paper presented at: EPA/AWMA Symposium, RTP, NC, September 12-14, 2000. 9/12/2000
- Contact:** Ann R. Vette
- Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Camann, D.E. "Movement and deposition of pesticides within residences after interior and exterior applications." Paper presented at: AWMA 93rd Annual Conference and Exhibition, Salt Lake City, UT, June 19-23, 2000. 6/19/2000
- Contact:** Robert G. Lewis
- Coulter, C.T., Wagoner, R.A., and Lewis, C.W. "Chemical mass balance model: EPA-CMB8.2." Paper presented at: International Symposium on Measurement of Toxic and Related Air Pollutants, Research Triangle Park, NC, September 12-14, 2000. 9/12/2000
- Contact:** Thomas Coulter
- Gabele, P.A. "Characterization of emissions from hand-held two-stroke engines." Paper presented at 93rd Annual AWMA Conference, Salt Lake City, UT, June 18-22, 2000. 6/1/2000
- Contact:** Peter A. Gabele
- Lewtas, J., Binkova, B., Miskova, I., Subrt, P., Lenicek, J., and Sram, R.J. "Biomarkers of exposure to particulate air pollution in the Czech Republic." Paper presented at: Teplice Program Conference, Prachatice, Czech Republic, October 3-5, 2000. 10/3/2000
- Contact:** Joellen lewtas Jungers

2001

Presented Published

ABSTRACT/ORAL

Berkley, R.E., Akard, M.L., Oliver, K.D., Jacumin, Jr., H.H., and Gardner, B.D. High speed GC/MS for air analysis. Abstract presented at: Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, New Orleans, LA, March 4-9, 2001.

3/4/2001

Contact: Richard E. Berkley

Cole, D., Sobsey, M.D., Bumgarner, J.E., and Robinette, D. Antimicrobial resistance among enteric bacteria isolated from human and animal wastes and impacted surface waters: comparison with NARMS findings. Abstract presented at: National Antimicrobial Resistance Monitoring System Meeting, Rockville, MD, March 15-16, 2001.

3/15/2001

Contact: Myriam Medina-vera

Williams, R.W., Ryan, B., Hern, S.C., Kildosher, L., Witherspoon, C.L., and Hammerstrom, K. Personal exposures to polycyclic aromatic hydrocarbons associated with the NHEXAS pilot. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/1/2001

Contact: Ronald W. Williams

Williams, R.W., Rea, A.W., Suggs, J.C., Leovic, K.W., Vette, A.F., Sheldon, L.S., Rodes, C.E., Thornburg, J., Ejire, A., and Sanders, W., Jr. Mass concentration relationships from the NERL RTP particulate matter panel study. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/1/2001

Contact: Ronald W. Williams

Stout, II, D.M., Mason, M.A., and Vallerio, D.A. The spatial and temporal distribution of chlorpyrifos in the U.S. EPA indoor air quality (IAQ) test house following crack and crevice type applications. Abstract presented at: International Conference of Pesticide Exposure and Health Society for Occupational and Environmental Health, Bethesda, MA, December 17-21, 2001.

12/17/2001

Contact: Daniel M. Stout

Maykut, N., Lewtas, J., and Larson, T.V. Source apportionment of PM 2.5 and carbon in Seattle using chemical mass balance and positive matrix factorization. Abstract presented at: AWMA/AGU International Specialty Conference, Bend, OR, October 2-5, 2001.

10/2/2001

Contact: Joellen Lewtas Jungers

Rea, A.W., Williams, R.W., Rodes, B., Hermann, M., and Thornburg, J. Real-time personal nephelometer and time activity data from the NERL RTP PM panel study. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ronald W. Williams

Robertson, G.L., Reses, J., Nishioka, M.G., and Lebowitz, M.D. Concentrations of pesticide from dermal surfaces: a comparison of NHEXAS & AZ border samples. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Gary L. Robertson

Hern, S.C., Bronson, D., Osgood, D., Rosales, C., and O'Rourke, M.K. Modeling of macroscale agricultural elements in pesticide exposure. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Stephen C. Hern

Butler, L.C., Coakley, W.A., Dandge, V.D., and Caldwell, J.R. "WinCADRE inorganic (windows computer-aided data review and evaluation)". Abstract presented at: Pittsburgh 2001 Conference, New Orleans, LA., March 3-10, 2001.

3/3/2001

Contact: Larry C. Butler

2001

Presented Published

Burke, J.M., Xue, J., and Ozkaynak, H. Population exposures to particulate matter: a comparison of exposure model predictions and measurement data. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Janet M. Burke

Falconer, R.L., Morgan, M.K., Garrison, A.W., Leone, A.D., Bidleman, T., and Jantunen, L.M. Chiral pesticides: occurrence and significance. Abstract presented at: Rocky Mountain Conference on Analytical Chemistry, Denver, CO, July 29-August 2, 2001.

7/29/2001

Contact: Renee L. Falconer

Holterman, A.L., and Pleil, J.D. A non-invasive diagnosis of intestinal ischemia by exhaled breath analysis using gas chromatography and mass spectrometry-preliminary results. Abstract presented at: American Pediatric Surgical Association Meeting, Naples, FL, May 20-23, 2001.

5/20/2001

Contact: Joachim D. Pleil

Van Emon, J.M., Brumley, W.C., Reed, A.W., and Chuang, J.C. Human exposure assessment using immunoassay. Abstract presented at: American Chemical Society 221st National Meeting, Immunochemistry Summit IX Symposium, San Diego, CA, April 1-5, 2001.

4/1/2001

Contact: Jeanette M. Van emon

Van Emon, J.M., Brumley, W.C., and Reed, A.W. Elegant environmental immunoassays. Abstract presented at: American Chemical Society 221st National Meeting, Immunochemistry Summit IX Symposium, San Diego, CA, April 1-5, 2001.

4/1/2001

Contact: Jeanette M. Van emon

Shreffler, J.H. Data from a solar ultraviolet monitoring network. Abstract presented at: Department of Statistics, Chapel Hill, NC, January 22, 2001.

1/22/2001

Contact: Jack H. Shreffler

Troester, M.A., Lindstrom, A.B., and Rappaport, S.M. Investigation of the radical-mediated production of benzene oxide protein adducts in vitro and in vivo. Abstract presented at: Society of Toxicology Meeting, San Francisco, CA, March 25-29, 2001.

3/25/2001

Contact: Andrew B. Lindstrom

Robertson, G.L., Petty, J.D., Gale, R.W., Cranor, W.L., and Huckins, J.N. A survey of indoor air contaminants using semipermeable membrane devices. Abstract presented at: AWMA Annual Conference, Orlando, FL, June 24-28, 2001.

6/24/2001

Contact: Gary L. Robertson

Martin, S.B., Jensen, P.A., and Pleil, J.D. Field-produced JP-8 standard for calibration of lower explosive limit meters used by jet fuel tank maintenance personnel. Abstract presented at: American Industrial Hygiene Conference and Exposition, New Orleans, LA, June 2-7, 2001.

6/2/2001

Contact: Joachim D. Pleil

Norris, G.A., Mukerjee, S., Ozkaynak, H., Smith, L.A., Noble, C.A., Rodes, C.E., Gonzales, M., and Neas, L. Relationship between fine and ultrafine particle number and VOC species in El Paso, Texas. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.

10/15/2001

Contact: Shaibal Mukerjee

Lindstrom, A.B., and Pleil, J.D. Alveolar breath sampling and analysis in human exposure assessment studies. Abstract presented at: NATO Advanced Study Institute Conference "Disease Markers in Exhaled Breath: Basic Mechanisms and Clinical Applications, Crete, Greece, June 22-July 1, 2001.

6/22/2001

Contact: Andrew B. Lindstrom

2001

Presented Published

Medina-Vera, M., Wright, L.H., and Lumpkin, M.S. Methods for the analysis of alkylphenol ethoxylates and derivatives. Abstract presented at: American Chemical Society 221st National Meeting, San Diego, CA, April 1-5, 2001.

4/1/2001

Contact: Myriam Medina-vera

Medina-Vera, M. Science careers at EPA: an exciting opportunity to serve. Abstract presented at: NIH Strategies for Success in Science Seminar Series, Bethesda, MD, January 25, 2001.

1/25/2001

Contact: Myriam Medina-vera

Rogers, K.R., Ramanathan, K., and Apostol, A.B. Detection of DNA damage using melting analysis techniques. Abstract presented at: Chemical Sensors and Interfacial Design Conference, Ciocco, Italy, May 6-11, 2001.

5/6/2001

Contact: Kim R. Rogers

Swartz, E.C., Stockburger, L., and Gundel, L.A. Characterization of ambient aerosols at Laporte, Texas during TEXAQS-2000. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.

10/15/2001

Contact: Leonard Stockburger

Swartz, E.C., Stockburger, L., and Gundel, L.A. Recovery of semi-volatile organic compounds during sample preparation: implications for characterization of airborne particulate matter. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.

10/15/2001

Contact: Leonard Stockburger

Van Emon, J.M. Evolution of environmental immunochemistry. Abstract presented at: 22nd American Chemical Society National Meeting, Chicago, IL, August 26-30, 2001.

8/26/2001

Contact: Jeanette M. Van emon

Zartarian, V. Summary of state-of-science and practice regarding micro-activity data. Abstract presented at: Workshop on Micro/Macro-Activity Data Needs to Improve Multi-Media, Multi-Pathway Exposure/Intake Dose Assessments, May 17-18, 2001.

5/17/2001

Contact: Valerie G. Zartarian morrison

Falconer, R.L., and Morgan, M.K. Occurrence of chiral pesticides in human breast milk and other media. Abstract presented at: Society of Environmental Toxicology and Chemistry 22nd Annual Meeting, Baltimore, MD, November 11-15, 2001.

11/11/2001

Contact: Renee L. Falconer

Robertson, G.L., Quackenboss, J.J., Hern, S.C., and Thompson, C.B. The human exposure database system (HEDS)-putting the NHEXAS data on-line. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/1/2001

Contact: Gary L. Robertson

Bennett, D.H., and Furtaw, Jr., E.J. A fugacity-based indoor residential pesticide fate model. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Edwin J. Furtaw

Bennett, D.H., and Furtaw, Jr., E.J. The indoor fugacity model. Abstract presented at: Society of Environmental Toxicology and Chemistry 2001 Annual Meeting, Baltimore, MD, November 11-15, 2001.

11/11/2001

Contact: Edwin J. Furtaw

2001

Presented Published

Pleil, J.D., Leavens, T.L., Colon, M., Case, M.W., Prah, J.D., and Ashley, D.L. Measurement of exhaled breath and venous blood to develop a physiologically based pharmacokinetic model for human exposure to methyl tertiary-butyl ether and the production of the biomarker tertiary-butyl alcohol. Abstract presented at: Environmental Sampling and Analysis Seminar, Okinawa, Japan, July 8-22, 2001.

7/8/2001

Contact: Joachim D. Pleil

Pleil, J.D., Colon, M., and Lindstrom, A.B. New methodology for identifying potential human biomarkers by collection and concentration of exhaled breath condensate. Abstract presented at: Environmental Sampling and Analysis Seminar, Okinawa, Japan, July 8-22, 2001.

7/8/2001

Contact: Joachim D. Pleil

Swartz, E.C., Stockburger, L., and Gundel, L.A. Recovery of semi-volatile organic compounds during sample preparation: implications for characterization of airborne particulate matter. Abstract presented at: Gordon Conference on Atmospheric Chemistry, Newport, Rhode Island, June 17-22, 2001.

6/17/2001

Contact: Leonard Stockburger

Pleil, J.D., and Lindstrom, A.B. A brief history of the development of exposure assessment methods at US EPA/NERL using alveolar breath as the biological medium. Abstract presented at: Environmental Sampling and Analysis Seminar, Okinawa, Japan, July 8-22, 2001.

7/8/2001

Contact: Joachim D. Pleil

Zartarian, V., Ozkaynak, H., and Xue, J. Quantifying aggregate chlorpyrifos exposure and dose to children using a physically-based two-stage Monte Carlo probabilistic model. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Valerie G. Zartarian morrison

Zartarian, V., Ozkaynak, H., and Xue, J. Assessing residential exposure using the stochastic human exposure and dose simulation (SHEDS) model. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Valerie G. Zartarian morrison

Sohn, M.D., McKone, T.E., Rigas, M.L., Blancato, J.N., Power, F.W., and Tsang, A.M. Reconstructing exposure scenarios using dose biomarkers - an application of bayesian uncertainty analysis. Abstract presented at: Since you are considering changing your process,, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Marc L. Rigas

Lewis, R.G., Falconer, R.L., Fortune, C.R., Blanchard, F.T., and Ellenson, W.D. Passive/diffusive samplers for pesticides in residential indoor air. Abstract presented at: International Conference on Measuring Air Pollutants by Diffuse Sampling, Montpellier, France, September 26-28, 2001.

9/26/2001

Contact: Robert G. Lewis

Hore, P., Zartarian, V., Xue, J., Ozkaynak, H., Barr, D., Needham, L., Freeman, N.C.G., Roy, A., and Lioy, P.J. Comparison of field measurements from a children's pesticide study against predictions from a physically based probabilistic model for estimating children's residential exposure and dose to chlorpyrifos. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Valerie G. Zartarian morrison

2001

Presented Published

Quackenboss, J.J., Sheldon, L.S., Hammerstrom, K., Robertson, G.L., Hern, S.C., and Leovic, K.W. An overview of the National Human Exposure Assessment Survey (NHEXAS) Phase I studies. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: James J. Quackenboss

Landis, M.S., Stevens, R.K., and Keeler, G.J. Standardized automated and manual methods to speciate mercury: field and laboratory studies. Abstract presented at: 6th International Conference on Mercury as a Global Pollutant, Minamata, Japan, October 15-19, 2001.

10/15/2001

Contact: Matthew S. Landis

Landis, M.S., and Stevens, R.K. Preliminary results from the USEPA mercury speciation network and aircraft measurement campaigns. Abstract presented at: 6th International Conference on Mercury as a Global Pollutant, Minamata, Japan, October 15-19, 2001.

10/15/2001

Contact: Matthew S. Landis

Landis, M.S., Stevens, R.K., Luke, W., and Keeler, G.J. Investigating the influence of long range transport on mercury deposition in south Florida. Abstract presented at: 6th International Conference on Mercury as a Global Pollutant, Minamata, Japan, October 15-19, 2001.

10/15/2001

Contact: Matthew S. Landis

Swartz, E.C., Stockburger, L., and Gundel, L.A. Characterization of ambient particles at LaPorte, TX, during TEXAQS-2000. Abstract presented at: Texas 2000 Air Quality Study (TexAQS 2000) Science Team Meeting, Austin, TX, August 6-11, 2001.

8/6/2001

Contact: Leonard Stockburger

Pleil, J.D., and Colon, M. Breath measurement of total body burden of JP-8 jet fuel for epidemiological study. Abstract presented at: 2nd International Conference on Jet Fuel Exposure, San Antonio, TX, August 7-12, 2001.

8/7/2001

Contact: Joachim D. Pleil

Ozkaynak, H., Zartarian, V., Xue, J., Furtaw, Jr., E.J., and Rigas, M.L. Modeling exposures to pesticides approaches and modeling needs. Abstract presented at: Workshop on Exposure of Children to Pesticides, Berlin, Germany, September 27-29, 2001.

9/27/2001

Contact: Haluk Ozkaynak

Lindstrom, A.B., and Pleil, J.D. Alveolar breath sampling and analysis in human exposure assessment studies. Abstract presented at: Department of Anaesthesia and Intensive Care Medicine, University Hospital of Rostock, Rostock, Germany, September 25, 2001.

9/25/2001

Contact: Andrew B. Lindstrom

Swartz, E.C., Stockburger, L., and Gundel, L.A. Recovery of semi-volatile organic compounds during sample preparation: implications for characterization of airborne particulate matter. Abstract presented at: Texas 2000 Air Quality Study (TexAQS 2000) Science Team Meeting, Austin, TX, August 6-11, 2001.

8/6/2001

Contact: Leonard Stockburger

Berkley, R.E., Oliver, K.D., Jacumin, Jr., H.H., Ebersold, P., and Budd, T. Comparison of fast GC/TOFMS with method TO-14 for analysis of ambient air samples. Abstract presented at: Ninth International Conference On-Site Analysis, Amelia Island, FL, January 21-24, 2000.

1/21/2001

Contact: Richard E. Berkley

2001

Presented Published

- Lewtas, J., Schantz, M.A., and Wise, S.A. Characterization of fine particle associated organic compounds: interlaboratory comparison and development of standard reference materials. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.
Contact: Joellen lewtas Jungers 10/15/2001
- Thomas, K.W., Sandler, D.P., Blair, A., and Alavanja, M.C.R. Agricultural health study/pesticide exposure study. Abstract presented at: AHS National Advisory Panel Meeting, Chapel Hill, NC, March 8-9-2001.
Contact: Ellen W. Streib 3/8/2001
- Cohen-Hubal, E.A., and Sheldon, L.S. The US EPA's dermal exposure research program in support of the food quality protection act. Abstract presented at: X2001 Exposure Assessment in Epidemiology and Practice Conference, Goteborg, Sweden, June 10-13, 2001.
Contact: Elaine A. Cohen-hubal 6/10/2001
- Maykut, N., Lewtas, J., and Larson, T.V. Source apportionment of PM 2.5 and carbon in Seattle using chemical mass balance and positive matrix factorization. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.
Contact: Joellen lewtas Jungers 10/15/2001
- Lyu, C., Chuang, J.C., Wilson, N.K., and Morgan, M.K. Recruitment strategies for an exposure measurement study of preschool children. Abstract presented at: American Public Health Association, Atlanta, Georgia, October 21-26, 2001.
Contact: Ellen W. Streib 10/21/2001
- Lewtas, J., Binkova, B., Myers, S.R., Lenicek, J., Subrt, P., and Sram, R.J. Biomarkers of exposure and metabolic susceptibility to fine particle air pollution. Abstract presented at: BIOMED Seminar, Copenhagen, Denmark, April 26-28, 2001.
Contact: Joellen lewtas Jungers 4/26/2001
- Rea, A.W., Williams, R.W., Sheldon, L.S., Thornburg, J., and Rodes, C. Personal particulate matter exposure monitoring: identifying important sources, activities, and locations based on data from the NERL RTP PM panel study. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19-2001.
Contact: Ronald W. Williams 10/15/2001
- Vette, A.F., Williams, R.W., Riediker, M., and Thornburg, J. Indoor/outdoor particle size distributions measured in select homes in the Raleigh-Durham-Chapel Hill, NC area. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.
Contact: Ronald W. Williams 10/15/2001
- Noble, C.A., Murdoch, R.W., Natarajan, S., Vanderpool, R.W., Gemmill, D.B., and Wiener, R.W. Field evaluation of a sampling approach for PM-coarse aerosols. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19-2001.
Contact: Elizabeth T. Hunike 10/15/2001
- Heist, D.K., Eisner, A.D., Mitchell, W.J., and Wiener, R.W. The use of box models to describe the personal cloud effect on human exposure to particulate matter. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.
Contact: William J. Mitchell 10/15/2001

2001

Presented Published

Richmond-Bryant, J., Eisner, A.D., Heist, D.K., Mitchell, W.J., and Wiener, R.W. New versatile aerosol generation system developed for use in a large wind tunnel. Abstract presented at: American Association for Aerosol Research, Portland, Oregon, October 15-19, 2001.

10/15/2001

Contact: Elizabeth T. Hunike

Morgan, M.K., Vallero, D.A., Chuang, J.C., Lyu, C., and Wilson, N.K. Emerging approaches for assessing the exposure of children to endocrine disruptors. Abstract presented at: National Ground Water Association 2nd International Conference on Pharmaceuticals and Endocrine Disrupting Chemicals in Water, Minneapolis, MI, October 9-11, 2001.

10/9/2001

Contact: Ellen W. Streib

Wilson, N.K., Chuang, J.C., Lyu, C., and Morgan, M.K. PAH concentrations in multiple media at the homes and child day care centers of 130 North Carolina children. Abstract presented at: 18th International Symposium on Polycyclic Aromatic Compounds, Cincinnati, OH, September 9-13, 2001.

9/9/2001

Contact: Ellen W. Streib

Thomas, K.W., Sheldon, L.S., Gordon, S.M., Reynolds, S., Lynch, C., and Alavanja, M.C.R. Agricultural health study/pesticide exposure study: year 1 measurement results. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ellen W. Streib

Clothier, J.M., Camann, D.E., Thomas, K.W., and Gordon, S.M. Hand wipe subsampling method for use with biomarker measurements in the agricultural health study/pesticide exposure study. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ellen W. Streib

Wilson, N.K., Lyu, C., Chuang, J.C., and Morgan, M.K. CTEPP: recruiting and field sampling in North Carolina and Ohio. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ellen W. Streib

Morgan, M.K., Chuang, J.C., Lyu, C., and Wilson, N.K. CTEPP: the database. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/1/2001

Contact: Ellen W. Streib

Fortmann, R., and Sheldon, L.S. Demonstration of low cost, low burden exposure monitoring strategies for use in longitudinal cohort studies. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ellen W. Streib

Leovic, K.W., Highsmith, V.R., Sheldon, L.S., Williams, R.W., Cohen-Hubal, E.A., Morgan, M.K., Stout, II, D.M., and Ejire, A. Recruiting, retaining, and reporting exposure study results to participants and the public. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/1/2001

Contact: Kelly W. Leovic

Leovic, K.W., Williams, R.W., Ejire, A., Sanders, W., Jr., Thornburg, J., and Rodes, C.E. Participant recruitment and retention for the NERL RTP PM panel study. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Kelly W. Leovic

2001

Presented Published

Norris, G.A., Tolocka, M.P., Williams, R.W., and Rodes, C.E. Particulate organic carbon measurements collected with low flow personal samplers. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ellen W. Streib

Tulve, N.S., Hore, P., Cohen-Hubal, E.A., Freeman, N.C.G., Lioy, P.J., and Sheldon, L.S. Use of macroactivity approach to assess dermal exposure. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Nicolle S. Tulve

Akland, G.G., Cohen-Hubal, E.A., Raymer, J.H., Sheldon, L.S., and Pellizzari, E.D. Pesticide screening results from eight daycare centers. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Elaine A. Cohen-hubal

Nishioka, M.G., Cohen-Hubal, E.A., Ivancic, W., Andrews, K., and Sowry, J. Dermal and mouthing transfers of surface residues measured using fluorescence imaging. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Elaine A. Cohen-hubal

Vette, A.F., Williams, R.W., Riediker, M., and Thornburg, J. Particle size distributions from select residences participating in the NERL RTP PM panel study. Abstract presented at: 11th Annual Meeting of the International Society of Exposure Analysis, Charleston, SC, November 4-8, 2001.

11/4/2001

Contact: Ronald W. Williams

Lewtas, J. Characterizing the sources of human exposure to mutagenic and carcinogenic chemicals in airborne fine particles. Abstract presented at: International Conference on Environmental Mutagens, Shizuoka, Japan, October 21-26, 2001.

10/21/2001

Contact: Joellen lewtas Jungers

Thomas, K.W., Sheldon, L.S., Gordon, S.M., Reynolds, S., Lynch, C., and Alavanja, M. Agricultural health study/pesticide exposure study: year 1 measurement results. Abstract presented at: International Conference of Pesticide Exposure and Health, Bethesda, MD, December 17-21, 2001.

12/17/2001

Contact: Ellen W. Streib

Lewtas, J. Characterizing the sources of human exposure to mutagenic and carcinogenic chemicals in airborne fine particles. Abstract presented at: International Conference on Environmental Mutagens, Shizuoka, Japan, October 21-26, 2001.

10/21/2001

Contact: Joellen lewtas Jungers

Cohen-Hubal, E.A., Akland, G.G., Leovic, K.W., Raymer, J.H., and Sheldon, L.S. Feasibility of using the macroactivity approach to assess children's dermal exposure to pesticides. Abstract presented at: SOEH International Conference of Pesticide Exposure and Health, Bethesda, MA, December 17-21, 2001.

12/17/2001

Contact: Elaine A. Cohen-hubal

Sheldon, L.S., Cohen-Hubal, E.A., and Fortmann, R.C. The EPA children's pesticide exposure measurement program. Abstract presented at: Workshop on Exposure of Children to Pesticides, Berlin, Germany, September 27-29, 2001.

9/26/2001

Contact: Linda S. Sheldon

2001

Presented Published

Berkley, R.E., Akard, M.L., Oliver, K.D., Jacumin, Jr., H.H., and Gardner, B.D. High-speed GC/MS for air analysis. Abstract presented at: Federation of Analytical Chemistry and Spectroscopy Societies, Detroit, MI, October 7-12, 2001.

10/7/2001

Contact: Richard E. Berkley

Willis, R.D., Ellenson, W.D., and Conner, T.L. Identification of FMC emission sources contributing to ambient PM10 on the Fort Hall reservation. Abstract presented at: Pacific Northwest Tribal Air Network Quarterly Meeting, Pocatello, ID, August 9-10, 2001.

8/9/2001

Contact: Teri L. Conner

BOOK/CHAPTER

Solomon, P.A., Norris, G.A., Landis, M.S., and Tolocka, M.P. "Chemical analysis methods for atmospheric aerosol components." Published in: Aerosol Measurements, New York, New York: Van Nostrand Reinhold.

1/8/2001

Contact: Paul A. Solomon

JOURNAL

Lewtas, J., Pang, Y., Booth, D., Reimer, S., Eatough, D.J., and Gundel, L.A. Comparison of sampling methods for semi-volatile organic carbon associated with PM 2.5. Published in: Aerosol Science and Technology 34:9-22 (2001).

1/1/2001

Contact: Joellen lewtas Jungers

Mamane, Y., Willis, R.D., and Conner, T.L. Evaluation of computer-controlled scanning electron microscopy applied to an ambient urban aerosol sample. Published in: Aerosol Science and Technology 34:97-107 (2001).

3/27/2001

Contact: Teri L. Conner

Smith, L., Mukerjee, S., Monroy, G.J., and Keene, F.E. Preliminary assessments of spatial influences in the Ambos Nogales region of the US-Mexican border. Published in: Science of the Total Environment 276:83-92 (2001).

7/20/2001

Contact: Shaibal Mukerjee

Vette, A.F., Rea, A.W., Lawless, P.A., Rodes, C.E., Evans, E.G., Highsmith, V.R., Creason, J.P., and Sheldon, L.S. Characterization of indoor-outdoor aerosol concentration relationships during the Fresno PM exposure studies. Published in: Aerosol Science and Technology 34:118-126 (2001).

5/8/2001

Contact: Linda S. Sheldon

Mukerjee, S., Shadwick, D.S., Smith, L., Somerville, M.C., Dean, K.E., and Bowser, J.J. Techniques to assess cross-border air pollution and application to a U.S.-Mexico border region. Published in: Science of the Total Environment 276:205-224 (2001).

7/20/2001

Contact: Shaibal Mukerjee

Gerlach, R.W., Gustin, M.S., and Van Emon, J.M. On-site mercury analysis of soil at hazardous waste sites by immunoassay and ASV. Published in: Applied Geochemistry 16:281-290 (2001).

1/1/2001

Contact: Jeanette M. Van emon

Van Emon, J.M. Immunochemical applications in environmental science. Published in: Journal of AOAC International 84 (1):125-133 (2001).

5/8/2001

Contact: Jeanette M. Van emon

2001

Presented Published

- Falconer, R.L., and Harner, T. Comparison of the octanol-air partition coefficient and liquid-phase vapor pressure as descriptors for particle/gas partitioning using laboratory and field data for PCBs and PCNs. Published in: Atmospheric Environment 34:4043-4046 (2000).
Contact: Renee L. Falconer 4/23/2001
- Rogers, K.R., Becker, J.Y., Cembrano, J., and Chough, S.H. Viscosity and binder composition effects on tyrosinase-based carbon paste electrode for detection of phenol and catechol. Published in: Talanta 54:1059-1065 (2001).
Contact: Kim R. Rogers 8/28/2001
- Leone, A.D., Ulrich, E.M., Bodnar, C.E., Falconer, R.L., and Hites, R.A. Organochlorine pesticide concentrations and enantiomer fractions for chlordane in indoor air from the U.S. cornbelt. Published in: Atmospheric Environment 34:4131-4138 (2000).
Contact: Renee L. Falconer 4/23/2001
- Mukerjee, S. Introduction: selected air quality trends and recent air pollution investigations in the U.S.-Mexico border region. Published in: Science of the Total Environment 276:1-18 (2001).
Contact: Shaibal Mukerjee 1/26/2001
- Moschandreas, D.J., Kim, Y., Karuchit, S., Ari, H., Lebowitz, M.D., O'Rourke, M.K., Gordon, S.M., and Robertson, G.L. In-residence, multiple route exposures to chlorpyrifos and diazinon estimated by indirect method models. Published in: Atmospheric Environment 35:2201-2213 (2001).
Contact: Gary L. Robertson 1/1/2001
- Adgate, J.L., Barr, D., Clayton, C.A., Eberly, L.E., Freeman, N.C.G., Liroy, P.J., Needham, L., Pellizzari, E.D., Quackenboss, J.J., Roy, A., and Sexton, K.G. Measurement of children's exposure to pesticides: analysis of urinary metabolite levels in a probability-based sample. Published in: Environmental Health Perspectives 109 (6):583-590 (2001).
Contact: James J. Quackenboss 6/1/2001
- Rodes, C.E., Newsome, R.J., Vanderpool, R.W., Antley, J.T., and Lewis, R.G. Experimental methodologies and preliminary transfer factor data for estimation of dermal exposures to particles. Published in: Journal of Exposure Analysis and Environmental Epidemiology 11:123-139 (2001).
Contact: Robert G. Lewis 6/21/2001
- Colon, M., Pleil, J.D., Hartlage, T.A., Guardani, M.L., and Martins, M.H. Survey of volatile organic compounds associated with automotive emissions in the urban airshed of Sao Paulo, Brazil. Published in: Atmospheric Environment 35:4017-4031 (2001).
Contact: Joachim D. Pleil 8/22/2001
- Harper, S.L., and Gutknecht, W.F. Sources of variability in collection and preparation of paint and lead-coating samples. Published in: Journal of Environmental Monitoring 3:335-340 (2001).
Contact: Sharon L. Harper 6/25/2001
- Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Camann, D.E. Movement and deposition of two organophosphorus pesticides within a residence after interior and exterior applications. Published in: Journal of Air and Waste Management Association 51:339-351 (2001).
Contact: Robert G. Lewis 3/1/2001
- Pellizzari, E.D., Smith, D.J., Clayton, C.A., Michael, L.C., and Quackenboss, J.J. An assessment of the data quality for HNEXAS-Part I: exposure to metals and volatile organic chemicals in Region 5. Published in: Journal of Exposure Analysis and Environmental Epidemiology 11:140-154 (2001).
Contact: James J. Quackenboss 7/20/2001

2001

Presented Published

PUB REPORT

Arnold, J.R., Cohen, R.C., Dennis, R.L., Kronmiller, K.G., Luecken, D.J., McClenny, W.A., and Stutz, J. Recommended methods for ambient air monitoring of NO, NO₂, NO_y, and individual NO_x species, EPA/600/R-01/005 (NTIS PB2001104379). U.S. Environmental Protection Agency.

1/3/2001

Contact: William A. McClenny

Colon, M., and Duncan, J.W. Quality assurance performance audit report for the Secretaria del Medio Ambiente Ciudad de Mexico, DF, Mexico red automatica de monitoreo atmosferico (RAMA) air quality monitoring stations, EPA/600/R-01/038. U.S. Environmental Protection Agency.

5/11/2001

Contact: Maribel Colon

Shrock, J., Bowser, J., Mayhew, W., and Stevens, R.K. South Florida mercury monitoring and modeling pilot study, EPA/600/R-00/102. U.S. Environmental Protection Agency.

8/28/2001

Contact: Roy B. Zweidinger

SYMPOS/CONF

Mitchell, W.J., Borci, T., Yee, S., Hicks, A., Simpson, G., and Schiff, H.I. "Pollutant emission factors for a transportable detonation system for destroying unexploded ordnance." Paper presented at: UXO/Countermine Forum, New Orleans, LA, April 9-13, 2001.

4/9/2001

Contact: William J. Mitchell

Lewis, R.G., Fortune, C.R., Blanchard, F.T., and Ellenson, W.D. "Passive/diffusive samplers for pesticides in residential indoor air." Paper presented at: International Conference on Measuring Air Pollutants by Diffuse Sampling, Montpellier, France, September 26-28, 2001.

9/26/2001

Contact: Robert G. Lewis